



IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Thomas P DICK, et al.

Confirmation No.: 1240

Application No.: 09/832,515

Examiner:

Filing Date: Apr 10, 2001

Group Art Unit: 2672

Title: Method And Apparatus For Demonstrating Mathematical Relationships

Box MISSING PARTS
COMMISSIONER FOR PATENTS
Washington, D.C. 20231

TRANSMITTAL LETTER FOR SUBMITTAL OF MISSING PARTS

Sir:

This is in response to a Notice to File Missing Parts of Application under 37 CFR 1.53(f) mailed on **May 17, 2001**. Enclosed is a copy of said Notice and the following documents and fees to complete the filing requirements of the above-identified application.

(X) Executed Declaration and Power of Attorney. The above-identified application is the same application which the inventor executed by signing the enclosed declaration.

() Statutory basic filing fee () Utility \$710.00 () Design \$320.00

() Additional claim fees of \$

(X) Missing Parts Surcharge \$130.00

() A Petition for Extension of Time for reply to Notice of Missing Parts is attached.

() one month \$110.00
() two months \$390.00
() three months \$890.00
() four months \$1390.00

Please charge to Deposit Account **08-2025** the sum of **\$130.00**. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

(X) A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

Thomas P DICK, et al.

By 

Edward Maker II

Attorney/Agent for Applicant(s)
Reg. No. 26762

Date: 16 July 2001

Telephone No.: (650) 857-5143

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: July 16, 2001

Typed Name: Alba P. Escobar

Signature: 



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D. C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/832,515	04/10/2001	Thomas P Dick	70006209-1

CONFIRMATION NO. 1240

FORMALITIES LETTER



OC000000006087633

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, CO 80527-2400

Date Mailed: 05/17/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

07/24/2001 KZEWDIE 00000664 082625 09632515

01 FC:105 130.00 CR

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

09832515-071904



IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

#15

Batch No.:

Inventor(s): Thomas P DICK, et al.

Confirmation No.: 1240

Application No.: 09/832,515

Examiner:

Filing Date: Apr 10, 2001

Group Art Unit: 2672

Title: Method And Apparatus For Demonstrating Mathematical Relationships

OFFICIAL DRAFTSPERSON
Drawing Processing Branch
Washington, D.C. 20231

DRAWING TRANSMITTAL LETTER

Sir:

Enclosed herewith please find:

- () _____ sheets of redlined drawing(s) which indicate proposed changes to the drawing(s). Upon approval of these proposed changes, formal drawing(s) will be submitted.
- () _____ sheets of corrected formal drawing(s), as required by the Notice of Patent Drawings Objection (PTO-948) which accompanied the Office Action dated _____.
- () _____ sheets of corrected formal drawing(s), as required by the Notice of Patent Drawings Objection (PTO-948) and approved in the Notice of Allowability dated _____.
- (X) 9 _____ sheets of formal drawing(s). Please substitute these formal drawing(s) for the informal drawing(s) originally filed.
- () _____

Examiner's approval of the entry of these drawings is respectfully requested. No new matter has been added.

Respectfully submitted,

Thomas P. DICK, et al.

By 

Edward Maker II

Attorney/Agent for Applicant(s)

Reg. No. 26762

Date: 16 July 2001

Telephone No.: (650) 857-5143

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit:

July 16 2001

Typed Name: Alba P. Escobar

Signature:



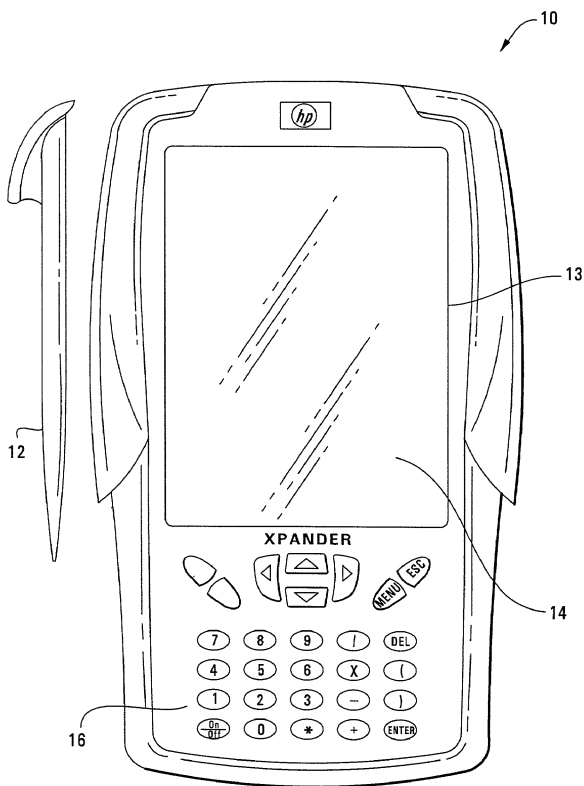


Figure 1

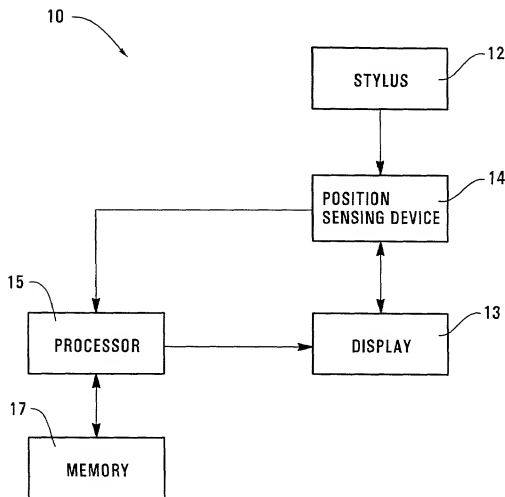


Figure 2

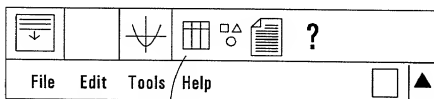
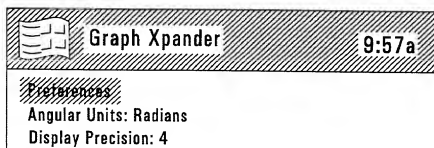


Figure 3

Equation Type	Symbolic Representation
Linear	$y = m(x-h) + k$
Quadratic	$y = a(x-h)^2 + k$
Conic	$(x-h)^2 + (y-k)^2 = r^2$
	$(x-h)^2/a^2 + (y-k)^2/b^2 = 1$
	$(x-h)^2/a^2 - (y-k)^2/b^2 = 1$
	$(y-k)^2/b^2 - (x-h)^2/a^2 = 1$
	$y = a(x-h)^2 + k$
	$(y-k)^2 = c(x-h)$
Exponential	$y = b \cdot a^x + k$
	$y = b \cdot e^{ax} + k$
Logarithmic	$y = b \cdot \ln(a(x-h)) + k$
Sine	$y = b \cdot \sin(a(x-h)) + k$
Cosine	$y = b \cdot \cos(a(x-h)) + k$
Power	$y = a(x-h)^r + k$

Figure 5



Type: ☐

$$y = 1 \cdot [x \cdot 2] + 1$$

30 ☒ Graph ☐ Table 32

7	8	9	/	,	x^2	x^y	e^x	ESC
4	5	6	X	[\sqrt{x}	$\sqrt[n]{x}$	ln	DEL
1	2	3	-]	x^{-1}	log	log	
EEX	0	.	+	abc	x	x		ENTER
								<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

26

Figure 6

0932515.071901

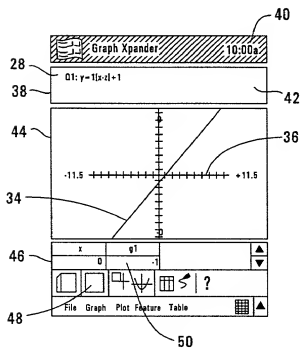


Figure 7-1

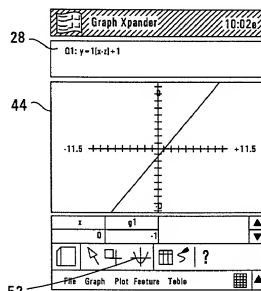


Figure 7-2

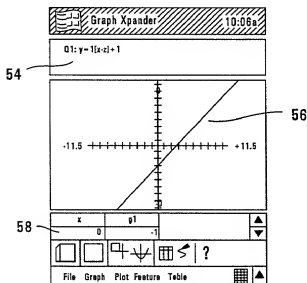


Figure 7-3

08825515.071901

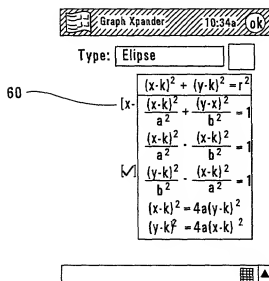


Figure 8-1

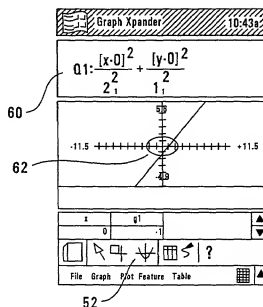


Figure 8-2

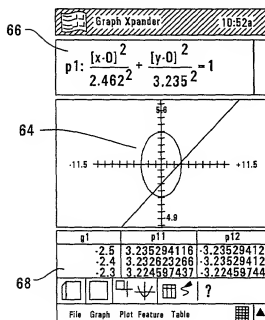


Figure 8-3

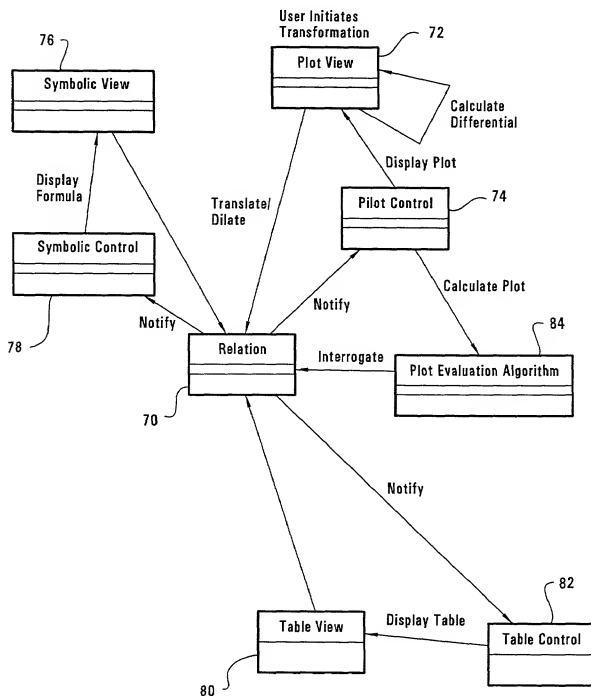


Figure 9